

**Table 1D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Summary of Demographic Indicators** <sup>(2)</sup>

Total Records	Number	%	Source of Data	Number	%
Complete Records	573,263	67.0	WIC	850,653	99.4
Prenatal Records	89,499	10.5	Maternal Health	0	0.0
Postpartum Records	193,361	22.6	Other	5,470	0.6
<b>Total Records Accepted</b>	<b>856,123</b>		<b>Total</b>	<b>856,123</b>	<b>100.0</b>
			<i>Excluded Unknown: 0</i>	<i>0.0</i>	

Race/Ethnic Distribution	Number	%
White, Not Hispanic	410,548	49.3
Black, Not Hispanic	199,733	24.0
Hispanic	186,120	22.3
American Indian/Alaskan Native	11,868	1.4
Asian/Pacific Islander	18,748	2.2
All Other	6,535	0.8
<b>Total</b>	<b>833,552</b>	<b>100.0</b>
<i>Excluded Unknown: 22,571</i>		<i>2.6</i>

Age Distribution	Number	%
< 15 Years	3,737	0.4
15 - 17 Years	57,965	6.8
18 - 19 Years	113,340	13.2
20 - 29 Years	516,343	60.3
30 - 39 Years	153,805	18.0
>= 40 Years	10,890	1.3
<b>Total</b>	<b>856,080</b>	<b>100.0</b>
<i>Excluded Unknown: 43</i>		<i>0.0</i>

Education Distribution	Number	%
< High School	281,889	33.9
High School	382,218	46.0
> High School	166,617	20.1
<b>Total</b>	<b>830,724</b>	<b>100.0</b>
<i>Excluded Unknown: 25,399</i>		<i>3.0</i>

% Poverty Level	Number	%
0 - 50	277,078	39.3
51 - 100	200,111	28.4
101 - 130	91,315	13.0
131 - 150	49,499	7.0
151 - 185	60,694	8.6
186 - 200	8,744	1.2
> 200	16,724	2.4
Adjunctive Eligibility	0	0.0
<b>Total</b>	<b>704,165</b>	<b>100.0</b>
<i>Excluded Unknown: 151,958</i>		<i>17.7</i>

Program Participation <sup>(3)</sup>	Number	%
WIC	646,729	83.4
Food Stamps	587,749	21.3
Medicaid	588,327	59.9
TANF	576,884	8.6
<i>Excluded Unknown:</i>		
<i>WIC:</i>	16,033	2.4
<i>Food Stamps:</i>	75,013	11.3
<i>Medicaid:</i>	74,435	11.2
<i>TANF:</i>	85,878	13.0

Migrant Status	Number	%
Yes	6,766	0.8
No	835,248	99.2
<b>Total</b>	<b>842,014</b>	<b>100.0</b>
<i>Excluded Unknown: 14,109</i>		<i>1.6</i>

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Prenatal program participation.  
\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 2D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**  
**Summary of Health Indicators**

Summary of Health Indicators (2)		
	National Prevalence	
	Number	%
Prepregnancy BMI (3)		
Underweight	784,438	11.7
Normal Weight	784,438	44.9
Overweight	784,438	14.6
Obese	784,438	28.7
Maternal Weight Gain (4)		
Less Than Ideal	650,654	25.6
Ideal	650,654	30.7
Greater Than Ideal	650,654	43.7
Anemia (Low Hb/Hct) (5)		
1st Trimester	230,960	6.7
2nd Trimester	229,832	10.5
3rd Trimester	119,915	30.7
Postpartum	254,974	29.4
Parity (6)		
0	773,919	47.9
1	773,919	25.1
2	773,919	14.7
≥ 3	773,919	12.4
Interpregnancy Interval		
< 6 Months	433,196	13.1
6 - <18 Months	433,196	27.2
≥18 Months	433,196	59.7

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI < 19.8), normal weight (BMI 19.9 to 26.0), overweight (BMI >26.0 to 29.0), obese (BMI >29.0).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

(6) Number of times a woman has given birth to an infant 20 or more weeks gestation.

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**Table 2D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**  
**Summary of Health Indicators**

Summary of Health Indicators (2)		
	National Prevalence	
	Number	%
Medical Care		
1st Trimester	500,728	76.7
No Care	500,728	8.1
WIC Enrollment		
1st Trimester	718,544	30.9
2nd Trimester	718,544	34.0
3rd Trimester	718,544	18.4
Postpartum (3)	718,544	16.6
Smoking		
3 Months Prior to Pregnancy	712,987	32.6
During Pregnancy	627,967	17.5
Last 3 Months of Pregnancy	592,858	17.9
Postpartum	585,032	18.7
Smoking Changes (4)		
Quit Smoking by First Prenatal Visit	202,180	48.7
Quit Smoking by First Prenatal Visit and Stayed Off Cigarettes	156,004	40.8
Smoking in Household		
During Pregnancy	368,918	25.6
Postpartum	460,583	26.4
Drinking		
3 Months Prior to Pregnancy	325,168	9.9
Last 3 Months of Pregnancy	540,106	0.5

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Women who initially enrolled in WIC during the postpartum period.

(4) Among women who smoked 3 months prior to pregnancy.

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**Table 2D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**  
**Summary of Health Indicators**

Summary of Health Indicators (2)		
	National Prevalence	
	Number	%
Birthweight (3)		
Very Low	681,087	1.2
Low	681,087	7.0
Normal	681,087	84.6
High	681,087	7.2
Preterm (4)	618,497	12.5
Full term Low Birth Weight (5)	557,817	3.9
Multiple Births	734,555	1.4
Breastfeeding		
Ever Breastfed	698,846	57.3

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Very low birth weight (<1500 g), low birth weight (1500 - <2500 g), normal birth weight (2500 - <4000 g), high birth weight (>4000 g).

(4) <37 weeks gestation.

(5) 37 or more weeks gestation and <2500 g.

**Table 3D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Comparison of Racial and Ethnic Distribution by Contributor**

<b>Comparison of Racial and Ethnic Distribution</b> <sup>(2)</sup>							
<b>Contributor</b>	<b>Number Included in Analysis</b>	<b>White, Not Hispanic</b>	<b>Black, Not Hispanic</b>	<b>Hispanic</b>	<b>American Indian/Alaskan Native</b>	<b>Asian/Pacific Islander</b>	<b>All Other/Unknown</b>
		%	%	%	%	%	%
Arizona	51,095	26.7	4.3	65.8	1.9	1.2	0.0
AZ I/Tribal Council	3,152	4.0	0.8	16.6	78.4	0.3	0.0
Cheyenne River-SD	188	2.7	0.5	1.6	63.3	0.0	31.9
Chickasaw Nation-OK	736	52.6	3.5	6.0	37.1	0.5	0.3
Connecticut	10,219	33.1	23.1	38.6	0.2	1.8	3.2
Florida	113,927	34.0	28.8	31.9	0.2	1.4	3.7
Georgia	53,333	43.7	43.4	10.3	0.1	0.9	1.5
Hawaii	9,491	13.7	2.7	14.8	0.2	44.2	24.4
Idaho	10,382	71.2	0.5	24.7	2.3	1.2	0.0
Illinois	79,906	33.6	25.2	21.7	0.0	0.7	18.8
Indiana	43,837	64.8	19.1	14.4	0.2	1.0	0.6
Iowa	13,133	76.3	7.2	13.5	0.7	2.2	0.0
Kansas	20,086	61.6	10.9	24.4	1.2	1.9	0.0
Michigan	64,160	59.2	28.6	10.0	0.5	1.6	0.1
Minnesota	24,614	57.9	16.0	14.4	3.3	7.5	1.0
Missouri	46,042	65.9	21.2	6.1	0.7	1.1	5.1
Montana	5,161	74.1	0.9	3.1	20.9	0.8	0.3
Nebraska	11,675	58.5	9.6	27.1	2.0	2.1	0.6
New Hampshire	4,944	91.2	2.6	3.4	0.1	1.2	1.6
New Jersey	44,025	17.7	27.5	48.0	0.4	3.2	3.3

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

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**Table 3D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Comparison of Racial and Ethnic Distribution by Contributor**

<b>Comparison of Racial and Ethnic Distribution</b> <sup>(2)</sup>							
<b>Contributor</b>	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	All Other/Unknown %
North Carolina	57,791	42.7	34.3	19.3	2.0	1.6	0.1
North Dakota	3,242	74.2	2.8	4.3	17.5	1.2	0.0
Ohio	68,826	65.1	26.5	5.8	0.2	0.9	1.4
Rosebud Sioux-SD	310	2.9	0.0	2.3	89.0	0.0	5.8
Standing Rock-ND	237	2.1	0.8	0.0	94.5	0.0	2.5
Utah	19,985	65.0	1.1	28.2	1.6	2.7	1.4
Vermont	3,584	89.7	1.5	0.0	0.2	1.3	7.3
Virginia	44,105	42.2	37.1	17.7	0.4	2.5	0.0
West Virginia	14,352	92.0	4.4	1.5	0.1	0.5	1.5
Wichita Caddo-OK	762	31.8	3.0	5.9	58.5	0.7	0.1
Wisconsin	32,823	57.7	19.5	16.4	2.2	4.2	0.0
<b>Nation</b>	<b>856,123</b>	<b>48.0</b>	<b>23.3</b>	<b>21.7</b>	<b>1.4</b>	<b>2.2</b>	<b>3.4</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

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**Table 4D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Comparison of Age Distribution by Contributor**

Comparison of Age Distribution <sup>(2)</sup>								
Contributor	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Arizona	51,095	0.5	8.2	12.7	58.6	18.8	1.2	0.0
AZ I/Tribal Council	3,152	0.7	9.1	13.6	56.8	18.2	1.5	0.1
Cheyenne River-SD	188	0.5	10.6	13.3	61.2	13.8	0.5	0.0
Chickasaw Nation-OK	736	0.1	7.5	14.3	64.1	13.0	0.8	0.1
Connecticut	10,219	0.4	7.1	12.0	57.0	21.6	1.8	0.0
Florida	113,927	0.4	6.5	12.2	57.4	21.7	1.8	0.0
Georgia	53,333	0.5	7.1	13.4	60.4	17.4	1.2	0.0
Hawaii	9,491	0.3	4.9	10.5	60.9	21.9	1.5	0.0
Idaho	10,382	0.3	5.5	13.6	65.6	14.3	0.8	0.0
Illinois	79,906	0.5	7.5	12.9	58.0	19.7	1.4	0.0
Indiana	43,837	0.4	6.5	15.1	62.2	14.9	1.0	0.0
Iowa	13,133	0.2	5.7	13.6	63.4	16.0	1.1	0.0
Kansas	20,086	0.4	6.9	13.9	62.6	15.2	1.0	0.0
Michigan	64,160	0.5	7.0	13.3	60.4	17.4	1.2	0.0
Minnesota	24,614	0.2	4.7	10.1	62.4	21.0	1.6	0.0
Missouri	46,042	0.5	7.5	15.0	61.6	14.5	1.0	0.0
Montana	5,161	0.1	5.8	13.2	64.1	15.5	1.3	0.0
Nebraska	11,675	0.3	6.2	13.0	61.9	17.4	1.2	0.0
New Hampshire	4,944	0.1	5.7	13.0	60.7	18.7	1.7	0.0

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

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**Table 4D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Comparison of Age Distribution by Contributor**

<b>Comparison of Age Distribution</b> <sup>(2)</sup>								
<b>Contributor</b>	<b>Number Included in Analysis</b>	<b>&lt; 15 Years %</b>	<b>15 - 17 Years %</b>	<b>18 - 19 Years %</b>	<b>20 - 29 Years %</b>	<b>30 - 39 Years %</b>	<b>&gt;= 40 Years %</b>	<b>Unknown %</b>
New Jersey	44,025	0.3	5.6	10.4	57.5	24.4	1.8	0.0
North Carolina	57,791	0.6	7.9	14.1	60.9	15.7	0.9	0.0
North Dakota	3,242	0.2	4.3	13.2	64.8	16.1	0.9	0.4
Ohio	68,826	0.5	7.0	15.7	61.2	14.7	1.0	0.0
Rosebud Sioux-SD	310	1.6	8.7	19.4	55.2	14.5	0.6	0.0
Standing Rock-ND	237	0.8	7.6	15.6	62.4	12.2	1.3	0.0
Utah	19,985	0.3	4.7	10.7	67.0	16.3	1.0	0.0
Vermont	3,584	0.1	4.5	11.0	61.6	21.1	1.6	0.0
Virginia	44,105	0.5	6.4	13.3	61.3	17.3	1.3	0.0
West Virginia	14,352	0.4	6.3	14.1	64.0	14.4	0.9	0.0
Wichita Caddo-OK	762	0.4	7.7	16.0	63.3	11.8	0.5	0.3
Wisconsin	32,823	0.5	6.7	14.7	61.0	15.9	1.2	0.0
<b>Nation</b>	<b>856,123</b>	<b>0.4</b>	<b>6.8</b>	<b>13.2</b>	<b>60.3</b>	<b>18.0</b>	<b>1.3</b>	<b>0.0</b>

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**Table 5D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Comparison of Maternal Health Indicators by Contributor**

<b>Comparison of Maternal Health Indicators</b> <sup>(2, 3)</sup>										
<b>Contributor</b>	Prepregnancy BMI (4)			Weight Gain (5)			Anemia (Low Hb/Hct) (6)			
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)
Arizona	49,804	12.4 (22)	39.5 (2)	35,533	22.8 (12)	47.3 (24)	10,004	27.4 (13)	0	* *
AZ I/Tribal Council	2,983	5.6 (1)	59.6 (31)	1,772	40.5 (27)	30.9 (4)	574	26.1 (8)	1,976	23.9 (9)
Cheyenne River-SD	154	12.3 (21)	49.4 (28)	18	* *	* *	22	* *	82	* *
Chickasaw Nation-OK	648	9.9 (3)	49.8 (29)	577	21.0 (8)	49.2 (26)	77	* *	152	34.9 (24)
Connecticut	10,137	11.2 (14)	42.6 (10)	9,701	68.9 (30)	14.1 (1)	1,939	26.7 (11)	7,130	59.2 (28)
Florida	111,037	12.2 (20)	40.4 (4)	78,046	25.2 (18)	44.6 (20)	15,422	34.2 (23)	42,160	33.5 (23)
Georgia	44,030	11.1 (11)	45.3 (23)	43,623	27.2 (21)	43.4 (16)	2,419	40.3 (26)	7,231	31.6 (19)
Hawaii	9,370	13.7 (30)	37.5 (1)	7,972	18.9 (2)	51.9 (30)	1,734	23.7 (5)	4,136	32.4 (21)
Idaho	10,205	11.2 (14)	42.2 (8)	8,941	20.9 (7)	42.3 (11)	1,722	19.4 (2)	5,411	17.0 (2)
Illinois	78,986	9.9 (3)	44.8 (20)	76,387	27.7 (24)	43.2 (14)	11,065	29.1 (14)	16,362	31.9 (20)
Indiana	31,664	13.1 (29)	44.1 (15)	27,516	19.6 (3)	50.2 (29)	6,614	35.2 (24)	10,779	26.0 (13)
Iowa	11,854	11.5 (16)	44.4 (17)	9,855	22.2 (10)	44.5 (19)	1,623	29.8 (15)	5,752	24.3 (10)
Kansas	19,236	11.6 (17)	44.3 (16)	14,213	20.7 (6)	45.9 (21)	3,088	26.7 (11)	748	23.0 (7)
Michigan	58,875	11.1 (11)	45.2 (22)	49,657	29.3 (25)	43.7 (17)	10,643	30.4 (16)	14,448	35.1 (25)

- (1) Reporting period is January 1 through December 31.
  - (2) Excludes records with unknown data or errors.
  - (3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.
  - (4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).
  - (5) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).
  - (6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 5D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Comparison of Maternal Health Indicators by Contributor**

<b>Comparison of Maternal Health Indicators</b> <sup>(2, 3)</sup>											
<b>Contributor</b>	<b>Prepregnancy BMI</b> (4)			<b>Weight Gain</b> (5)			<b>Anemia</b> (Low Hb/Hct) (6)				
	<b>Under-weight</b>		<b>Over-weight</b>	<b>&lt; Ideal</b>		<b>&gt; Ideal</b>	<b>3rd Trimester</b>		<b>Postpartum</b>		
	<b>Number</b>	<b>% (Rank)</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	
Minnesota	21,979	10.5 (7)	42.8 (11)	20,651	27.2 (21)	40.8 (9)	302	33.8 (22)	10,368	23.3 (8)	
Missouri	45,499	12.7 (25)	43.8 (13)	40,899	20.4 (4)	45.9 (21)	5,826	36.1 (25)	9,983	27.9 (15)	
Montana	4,240	12.5 (23)	41.3 (6)	4,098	21.6 (9)	49.4 (27)	795	19.7 (3)	3,518	20.2 (3)	
Nebraska	11,459	10.9 (9)	43.8 (13)	10,487	24.1 (15)	42.5 (13)	1,512	26.5 (10)	5,701	28.2 (16)	
New Hampshire	3,702	12.8 (26)	42.3 (9)	2,774	58.3 (29)	21.9 (2)	780	23.5 (4)	1,211	22.0 (5)	
New Jersey	39,085	10.3 (5)	41.1 (5)	30,721	24.0 (14)	40.3 (6)	6,495	33.0 (20)	10,170	47.4 (27)	
North Carolina	42,533	13.0 (28)	46.3 (27)	31,465	26.3 (19)	40.2 (5)	7,552	32.0 (18)	21,706	28.2 (16)	
North Dakota	3,068	10.3 (5)	45.0 (21)	2,167	14.4 (1)	49.5 (28)	419	24.6 (6)	1,886	30.4 (18)	
Ohio	68,071	12.9 (27)	44.4 (17)	60,937	24.4 (16)	47.7 (25)	11,742	32.1 (19)	25,652	25.3 (11)	
Rosebud Sioux-SD	283	12.0 (19)	41.7 (7)	132	53.8 (28)	22.7 (3)	31	* *	150	46.0 (26)	
Standing Rock-ND	233	6.4 (2)	55.4 (30)	109	27.5 (23)	44.0 (18)	50	* *	94	* *	
Utah	19,817	12.5 (23)	39.5 (2)	17,349	24.5 (17)	41.2 (10)	2,951	13.2 (1)	6,672	9.2 (1)	
Vermont	2,868	11.1 (11)	45.3 (23)	2,661	20.4 (4)	46.3 (23)	393	26.0 (7)	2,159	21.6 (4)	
Virginia	39,154	11.6 (17)	45.6 (25)	22,545	22.6 (11)	42.3 (11)	7,065	30.4 (16)	13,655	25.5 (12)	

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  - (4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).
  - (5) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).
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**Table 5D**  
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**Nation**  
**Comparison of Maternal Health Indicators by Contributor**

<b>Comparison of Maternal Health Indicators</b> <sup>(2, 3)</sup>											
<b>Contributor</b>	Prepregnancy BMI (4)			Weight Gain (5)			Anemia (Low Hb/Hct) (6)				
	Under- weight		Over- weight	< Ideal		> Ideal	3rd Trimester		Postpartum		
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	
West Virginia	13,775	14.5 (31)	44.5 (19)	13,329	23.0 (13)	43.3 (15)	1,961	26.2 (9)	9,844	22.4 (6)	
Wichita Caddo-OK	753	10.6 (8)	45.9 (26)	650	30.9 (26)	40.6 (8)	86	* *	172	33.1 (22)	
Wisconsin	28,936	10.9 (9)	43.5 (12)	25,869	26.8 (20)	40.4 (7)	5,009	33.3 (21)	15,666	26.3 (14)	
<b>Nation</b>	<b>784,438</b>	<b>11.7</b>	<b>43.3</b>	<b>650,654</b>	<b>25.6</b>	<b>43.7</b>	<b>119,915</b>	<b>30.7</b>	<b>254,974</b>	<b>29.4</b>	

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.  
(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).  
(5) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).  
(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.  
\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 6D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Comparison of Maternal Behavioral Indicators by Contributor**

<b>Comparison of Maternal Behavioral Indicators</b> <sup>(2, 3)</sup>						
<b>Contributor</b>	Medical Care			WIC Enrollment		
	1st Trimester		No Care	1st Trimester		
	Number	% (Rank)	% (Rank)	Number	% (Rank)	
Arizona	28,864	72.8 (18)	0.1 (1)	39,566	29.0 (20)	
AZ I/Tribal Council	0	* *	* *	3,150	24.2 (28)	
Cheyenne River-SD	0	* *	* *	146	28.1 (21)	
Chickasaw Nation-OK	0	* *	* *	734	40.3 (6)	
Connecticut	9,764	84.7 (6)	3.7 (12)	9,718	20.3 (29)	
Florida	0	* *	* *	110,310	27.6 (22)	
Georgia	44,980	83.7 (7)	1.8 (7)	47,014	30.5 (17)	
Hawaii	6,204	72.9 (16)	1.6 (5)	8,011	30.4 (18)	
Idaho	0	* *	* *	10,358	32.4 (12)	
Illinois	79,699	68.8 (19)	19.9 (19)	0	* *	
Indiana	0	* *	* *	31,811	40.8 (4)	
Iowa	11,367	79.6 (10)	13.5 (16)	12,406	32.1 (14)	
Kansas	16,371	77.7 (11)	3.6 (10)	19,674	26.5 (26)	
Michigan	56,142	74.1 (14)	10.7 (15)	61,767	31.3 (15)	
Minnesota	0	* *	* *	23,785	20.2 (30)	
Missouri	41,973	73.4 (15)	15.9 (18)	45,087	40.9 (3)	

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 6D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Comparison of Maternal Behavioral Indicators by Contributor**

<b>Comparison of Maternal Behavioral Indicators</b> <sup>(2, 3)</sup>						
<b>Contributor</b>	Medical Care				WIC Enrollment	
	1st Trimester		No Care		1st Trimester	
	Number	% (Rank)	%	% (Rank)	Number	% (Rank)
Montana	5,009	81.3 (9)	5.8	(14)	5,088	36.1 (8)
Nebraska	10,542	88.4 (2)	1.7	(6)	11,001	29.3 (19)
New Hampshire	3,592	91.5 (1)	0.9	(3)	3,879	40.4 (5)
New Jersey	0	* *	* *		34,511	26.6 (25)
North Carolina	50,010	77.1 (12)	0.9	(3)	57,146	27.5 (23)
North Dakota	2,782	87.0 (3)	1.9	(8)	2,834	42.7 (2)
Ohio	62,523	82.9 (8)	3.6	(10)	68,522	32.8 (11)
Rosebud Sioux-SD	0	* *	* *		287	32.4 (12)
Standing Rock-ND	0	* *	* *		216	26.4 (27)
Utah	0	* *	* *		19,969	34.7 (10)
Vermont	3,105	87.0 (3)	0.7	(2)	3,451	36.5 (7)
Virginia	26,978	72.9 (16)	2.7	(9)	44,095	27.1 (24)
West Virginia	10,841	86.1 (5)	5.4	(13)	11,845	49.6 (1)
Wichita Caddo-OK	0	* *	* *		754	30.8 (16)
Wisconsin	29,982	74.5 (13)	13.6	(17)	31,409	34.9 (9)
<b>Nation</b>	<b>500,728</b>	<b>76.7</b>	<b>8.1</b>		<b>718,544</b>	<b>30.9</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 7D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**  
**Comparison of Smoking Indicators by Contributor**

Comparison of Smoking Indicators (2, 3)										
Contributor	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Arizona	49,095	9.0 (1)	42,855	3.7 (3)	2,629	37.5 (9)	38,851	9.0 (2)	42,852	7.6 (3)
AZ I/Tribal Council	2,203	11.0 (2)	2,437	3.2 (2)	164	67.1 (2)	2,301	10.1 (3)	2,515	6.6 (1)
Cheyenne River-SD	186	62.4 (26)	131	1.5 (1)	68	* *	0	* *	0	* *
Chickasaw Nation-OK	528	39.8 (18)	675	25.0 (21)	189	27.0 (21)	529	42.5 (20)	683	37.2 (17)
Connecticut	2,810	99.8 (29)	9,773	4.5 (4)	2,301	51.1 (3)	8,706	18.5 (5)	9,771	10.9 (5)
Florida	90,213	16.6 (4)	6,194	25.6 (23)	1,887	25.8 (24)	0	* *	0	* *
Georgia	0	* *	0	* *	0	* *	0	* *	0	* *
Hawaii	9,337	14.4 (3)	7,933	57.0 (28)	1,069	44.3 (6)	0	* *	0	* *
Idaho	0	* *	0	* *	0	* *	8,190	27.2 (9)	8,795	18.5 (7)
Illinois	79,779	19.8 (6)	77,322	12.8 (9)	12,420	27.8 (19)	50,911	20.3 (6)	79,892	15.2 (6)
Indiana	43,837	30.3 (9)	39,843	24.1 (17)	11,408	32.0 (14)	16,305	21.3 (7)	30,802	24.3 (8)
Iowa	12,499	41.9 (20)	11,446	26.9 (24)	3,253	29.1 (18)	9,116	41.8 (19)	11,443	36.0 (16)
Kansas	19,016	36.5 (13)	16,388	19.2 (14)	3,849	37.5 (9)	8,996	34.2 (12)	16,288	31.2 (13)
Michigan	55,289	39.5 (16)	48,543	23.0 (15)	14,091	30.2 (16)	0	* *	0	* *
Minnesota	24,613	30.3 (9)	23,266	13.3 (11)	5,116	36.3 (12)	0	* *	0	* *

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 7D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**  
**Comparison of Smoking Indicators by Contributor**

Comparison of Smoking Indicators (2, 3)										
Contributor	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Missouri	45,951	38.0 (15)	42,241	24.5 (20)	12,645	26.4 (22)	36,250	37.2 (15)	42,102	29.2 (11)
Montana	5,144	39.6 (17)	5,024	7.9 (7)	1,630	38.2 (8)	4,185	31.0 (10)	4,993	26.0 (9)
Nebraska	11,514	33.7 (12)	2,735	18.1 (13)	242	40.5 (7)	956	35.1 (13)	10,609	33.2 (14)
New Hampshire	3,084	51.3 (24)	2,838	33.0 (26)	985	22.6 (25)	0	* *	0	* *
New Jersey	44,021	81.0 (28)	35,756	6.0 (5)	21,189	91.0 (1)	35,193	7.1 (1)	35,746	7.5 (2)
North Carolina	44,935	26.6 (7)	50,268	18.0 (12)	9,815	30.7 (15)	0	* *	0	* *
North Dakota	2,901	47.7 (23)	2,452	25.1 (22)	894	36.5 (11)	2,511	32.8 (11)	2,376	28.1 (10)
Ohio	68,644	43.7 (21)	62,691	24.4 (19)	23,514	35.0 (13)	57,604	36.3 (14)	60,325	30.5 (12)
Rosebud Sioux-SD	305	26.9 (8)	256	8.6 (8)	57	* *	0	* *	0	* *
Standing Rock-ND	112	63.4 (27)	57	* *	14	* *	0	* *	0	* *
Utah	19,959	16.6 (4)	17,661	7.4 (6)	2,163	45.8 (5)	15,860	11.2 (4)	17,594	8.9 (4)
Vermont	2,714	45.5 (22)	3,197	29.9 (25)	1,047	20.0 (26)	0	* *	0	* *
Virginia	33,949	32.6 (11)	39,820	13.0 (10)	9,533	46.2 (4)	33,949	26.7 (8)	39,701	70.0 (20)
West Virginia	13,734	51.9 (25)	11,411	33.5 (27)	4,668	27.2 (20)	11,848	38.7 (17)	13,343	45.7 (19)
Wichita Caddo-OK	559	37.7 (14)	642	24.1 (17)	157	26.1 (23)	556	38.5 (16)	657	35.9 (15)

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 7D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**  
**Comparison of Smoking Indicators by Contributor**

<b>Comparison of Smoking Indicators</b> (2, 3)										
<b>Contributor</b>	<b>Smoking</b>				<b>Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)</b>	<b>Smoking in Household</b>				
	<b>3 Months Prior to Pregnancy</b>		<b>Last 3 Months of Pregnancy</b>			<b>Prenatal</b>		<b>Postpartum</b>		
	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>		
Wisconsin	26,056	40.6 (19)	29,003	23.7 (16)	9,007	29.4 (17)	26,101	41.6 (18)	30,096	39.7 (18)
<b>Nation</b>	<b>712,987</b>	<b>32.6</b>	<b>592,858</b>	<b>17.9</b>	<b>156,004</b>	<b>40.8</b>	<b>368,918</b>	<b>25.6</b>	<b>460,583</b>	<b>26.4</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 8D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Comparison of Infant Health Indicators by Contributor**

<b>Comparison of Infant Health Indicators</b> <sup>(2, 3)</sup>									
<b>Contributor</b>	Birthweight			Preterm (6)		Full Term LBW (7)		Ever Breastfed	
	Low (4)		High (5)						
	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Arizona	32,016	8.0 (21)	7.1 (9)	35,159	12.1 (19)	21,510	3.5 (19)	45,958	62.8 (10)
AZ I/Tribal Council	2,723	6.6 (6)	9.4 (24)	2,731	10.5 (8)	2,433	3.3 (17)	1,365	68.3 (8)
Cheyenne River-SD	159	11.3 (30)	10.1 (26)	0	* *	112	8.9 (29)	162	54.9 (24)
Chickasaw Nation-OK	680	5.0 (1)	8.5 (21)	678	9.0 (4)	616	2.3 (3)	665	61.8 (12)
Connecticut	9,757	7.2 (9)	7.4 (15)	9,267	7.8 (2)	8,540	3.4 (18)	9,763	59.7 (17)
Florida	89,030	8.3 (23)	6.7 (4)	85,609	13.2 (23)	74,183	3.2 (16)	89,211	69.4 (6)
Georgia	36,315	8.1 (22)	6.3 (2)	36,791	13.5 (24)	26,538	3.5 (19)	43,609	51.6 (26)
Hawaii	6,103	7.8 (17)	7.3 (14)	4,742	10.6 (9)	4,239	2.7 (6)	0	* *
Idaho	9,031	6.3 (5)	7.1 (9)	9,055	10.7 (10)	8,039	2.3 (3)	8,991	84.0 (1)
Illinois	63,900	7.9 (19)	7.0 (7)	69,777	12.0 (18)	52,589	3.1 (14)	75,217	60.3 (15)
Indiana	38,908	8.4 (24)	7.2 (13)	27,279	15.8 (28)	22,873	2.8 (10)	38,556	57.1 (21)
Iowa	11,049	7.8 (17)	8.2 (19)	10,406	13.1 (22)	9,026	2.9 (12)	11,038	58.6 (18)
Kansas	7,745	5.7 (3)	7.6 (17)	8,906	10.2 (6)	6,898	2.8 (10)	6,411	60.0 (16)
Michigan	50,805	7.7 (16)	8.3 (20)	0	* *	50,617	7.7 (28)	50,837	50.5 (27)

- (1) Reporting period is January 1 through December 31.
- (2) Excludes records with unknown data or errors.
- (3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.
- (4) <2500 g.
- (5) >4000 g.
- (6) <37 weeks gestation.
- (7) 37 or more weeks gestation and <2500 g.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 8D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Comparison of Infant Health Indicators by Contributor**

Comparison of Infant Health Indicators <sup>(2, 3)</sup>									
Contributor	Birthweight			Preterm (6)		Full Term LBW (7)		Ever Breastfed	
	Low (4)	High (5)		Number	%	Number	%	Number	%
	Number	% (Rank)	% (Rank)						
Minnesota	22,142	7.4 (10)	9.7 (25)	21,945	10.7 (10)	19,503	2.7 (6)	22,583	69.8 (5)
Missouri	40,894	8.4 (24)	7.1 (9)	40,959	12.1 (19)	35,692	3.8 (21)	41,008	49.1 (28)
Montana	0	* * * *		4,843	12.2 (21)	0	* *	4,907	73.6 (3)
Nebraska	10,374	7.0 (8)	7.6 (17)	10,279	10.2 (6)	9,212	3.1 (14)	9,145	64.6 (9)
New Hampshire	3,323	6.6 (6)	10.2 (28)	2,557	9.7 (5)	2,296	1.7 (1)	3,387	61.7 (13)
New Jersey	35,155	7.6 (15)	7.0 (7)	26,047	15.5 (27)	21,835	2.4 (5)	34,415	61.6 (14)
North Carolina	50,306	9.3 (27)	7.1 (9)	49,558	14.5 (26)	42,351	4.0 (23)	48,768	57.0 (22)
North Dakota	2,362	5.6 (2)	10.1 (26)	2,049	11.8 (17)	1,743	1.8 (2)	2,436	54.9 (24)
Ohio	58,473	9.0 (26)	6.5 (3)	61,416	11.6 (15)	51,485	4.0 (23)	50,165	21.5 (30)
Rosebud Sioux-SD	240	7.9 (19)	8.8 (23)	219	4.6 (1)	202	5.4 (26)	233	72.1 (4)
Standing Rock-ND	108	7.4 (10)	11.1 (30)	0	* *	85	* *	138	58.0 (19)
Utah	16,097	7.4 (10)	6.2 (1)	17,238	11.7 (16)	14,289	2.7 (6)	16,084	81.9 (2)
Vermont	3,276	7.4 (10)	11.0 (29)	3,238	8.6 (3)	2,956	3.8 (21)	3,197	68.6 (7)
Virginia	38,827	9.6 (28)	6.9 (5)	39,428	11.0 (12)	34,623	6.0 (27)	39,482	55.7 (23)

- (1) Reporting period is January 1 through December 31.
- (2) Excludes records with unknown data or errors.
- (3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.
- (4) <2500 g.
- (5) >4000 g.
- (6) <37 weeks gestation.
- (7) 37 or more weeks gestation and <2500 g.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 8D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Comparison of Infant Health Indicators by Contributor**

<b>Comparison of Infant Health Indicators</b> <sup>(2, 3)</sup>									
<b>Contributor</b>	Birthweight			Preterm (6)		Full Term LBW (7)		Ever Breastfed	
	Low (4)	High (5)							
	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
West Virginia	12,941	9.6 (28)	6.9 (5)	10,501	14.3 (25)	8,990	4.0 (23)	12,877	41.9 (29)
Wichita Caddo-OK	623	6.1 (4)	7.4 (15)	622	11.1 (13)	551	2.7 (6)	592	57.6 (20)
Wisconsin	27,725	7.5 (14)	8.6 (22)	27,198	11.3 (14)	23,791	3.0 (13)	27,646	61.9 (11)
<b>Nation</b>	<b>681,087</b>	<b>8.2</b>	<b>7.2</b>	<b>618,497</b>	<b>12.5</b>	<b>557,817</b>	<b>3.9</b>	<b>698,846</b>	<b>57.3</b>

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.  
(4) <2500 g.  
(5) >4000 g.  
(6) <37 weeks gestation.  
(7) 37 or more weeks gestation and <2500 g.  
\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 9D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**  
**Maternal Health Indicators by Race/Ethnicity, Age, or Education**

<b>Maternal Health Indicators by Race/Ethnicity, Age, or Education</b> (2)											
	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)				
	Under-weight	Over-weight		< Ideal	> Ideal		3rd Trimester		Postpartum		
		Number	%		%	Number	%	%	Number	%	Number
<b>Race/Ethnicity</b>											
White, Not Hispanic	376,379	14.0	41.5	318,470	22.5	47.3	55,162	25.8	135,217	22.9	
Black, Not Hispanic	180,465	9.7	50.4	147,568	28.5	42.2	29,439	44.7	50,142	44.2	
Hispanic	171,426	8.6	41.5	137,103	28.9	38.2	26,553	27.1	49,670	31.7	
American Indian/Alaskan Native	10,891	8.1	52.2	7,990	26.6	44.5	1,744	28.1	4,880	30.9	
Asian/Pacific Islander	17,160	21.2	26.1	14,189	30.7	33.6	2,912	25.3	6,628	28.6	
All Other/Unknown	28,117	10.1	41.8	25,334	27.9	40.9	4,105	24.5	8,437	32.0	
<b>Total</b>	<b>784,438</b>	<b>11.7</b>	<b>43.3</b>	<b>650,654</b>	<b>25.6</b>	<b>43.7</b>	<b>119,915</b>	<b>30.7</b>	<b>254,974</b>	<b>29.4</b>	
<b>Age</b>											
< 15 Years	3,484	20.0	20.6	2,861	25.7	44.3	602	38.4	885	34.0	
15 - 17 Years	54,087	20.6	23.6	44,476	24.8	45.8	7,990	34.2	15,615	36.5	
18 - 19 Years	105,037	17.7	31.3	86,410	23.0	47.6	15,686	32.9	31,867	33.1	
20 - 29 Years	471,849	11.1	44.8	392,412	25.1	44.0	73,902	30.4	154,783	28.8	
30 - 39 Years	140,107	6.3	54.8	116,588	29.1	39.4	20,326	28.7	48,353	26.7	
>= 40 Years	9,836	5.3	55.7	7,876	33.4	36.2	1,403	29.6	3,471	28.3	
Unknown	38	*	*	31	*	*	6	*	0	*	
<b>Total</b>	<b>784,438</b>	<b>11.7</b>	<b>43.3</b>	<b>650,654</b>	<b>25.6</b>	<b>43.7</b>	<b>119,915</b>	<b>30.7</b>	<b>254,974</b>	<b>29.4</b>	
<b>Education</b>											
< High School	257,716	13.2	39.9	214,634	27.6	41.5	39,149	33.8	76,745	32.1	
High School	352,907	11.6	44.7	288,348	23.8	45.6	54,863	30.3	111,237	28.4	
> High School	152,395	9.8	46.0	129,299	22.8	45.7	22,388	26.7	55,520	23.9	
Unknown	21,420	11.0	43.2	18,373	52.3	24.2	3,515	27.9	11,472	47.2	
<b>Total</b>	<b>784,438</b>	<b>11.7</b>	<b>43.3</b>	<b>650,654</b>	<b>25.6</b>	<b>43.7</b>	<b>119,915</b>	<b>30.7</b>	<b>254,974</b>	<b>29.4</b>	

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data for health indicators, and data with errors for health and demographic indicators.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 10D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**  
**Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education**

<b>Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education</b> (2)					
	Medical Care			WIC Enrollment	
	1st Trimester	No Care		1st Trimester	
	Number	%	%	Number	%
<b>Race/Ethnicity</b>					
White, Not Hispanic	256,817	80.8	8.1	357,838	35.3
Black, Not Hispanic	122,622	74.2	7.1	167,708	25.7
Hispanic	85,663	69.2	8.5	152,881	27.4
American Indian/Alaskan Native	4,930	75.8	5.1	11,167	30.4
Asian/Pacific Islander	9,800	70.8	6.7	16,324	23.2
All Other/Unknown	20,896	73.7	14.7	12,626	28.9
<b>Total</b>	<b>500,728</b>	<b>76.7</b>	<b>8.1</b>	<b>718,544</b>	<b>30.9</b>
<b>Age</b>					
< 15 Years	2,308	56.1	9.1	3,200	26.8
15 - 17 Years	35,711	67.9	8.6	49,312	32.3
18 - 19 Years	68,798	74.1	8.9	97,192	34.2
20 - 29 Years	303,191	78.1	7.9	434,252	30.6
30 - 39 Years	85,097	78.3	7.9	125,694	29.5
>= 40 Years	5,595	73.1	9.4	8,860	27.1
Unknown	28	*	*	34	*
<b>Total</b>	<b>500,728</b>	<b>76.7</b>	<b>8.1</b>	<b>718,544</b>	<b>30.9</b>
<b>Education</b>					
< High School	166,413	70.5	10.3	231,577	31.5
High School	221,049	78.3	7.2	326,789	31.4
> High School	96,872	82.6	7.2	138,902	29.8
Unknown	16,394	82.2	4.5	21,276	24.7
<b>Total</b>	<b>500,728</b>	<b>76.7</b>	<b>8.1</b>	<b>718,544</b>	<b>30.9</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data for behavioral indicators, and data with errors for behavioral and demographic indicators.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 11D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Smoking Indicators by Race/Ethnicity, Age, or Education**

<b>Smoking Indicators by Race/Ethnicity, Age, or Education</b> <sup>(2)</sup>										
	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	%	Number	%	Number	%	Number	%	Number	%
<b>Race/Ethnicity</b>										
White, Not Hispanic	345,626	46.3	297,782	28.0	109,746	31.3	183,596	38.2	229,599	37.4
Black, Not Hispanic	155,601	23.9	126,175	10.7	24,013	52.5	70,304	19.6	89,627	23.5
Hispanic	158,740	16.0	123,319	2.7	16,196	83.6	88,578	7.3	106,602	9.6
American Indian/Alaskan Native	9,896	34.8	9,102	16.0	2,387	38.6	6,381	25.8	7,245	23.1
Asian/Pacific Islander	16,344	16.1	14,397	16.0	1,731	70.6	5,838	14.1	7,647	19.0
All Other/Unknown	26,780	13.5	22,083	9.3	1,931	52.1	14,221	9.9	19,863	6.8
<b>Total</b>	<b>712,987</b>	<b>32.6</b>	<b>592,858</b>	<b>17.9</b>	<b>156,004</b>	<b>40.8</b>	<b>368,918</b>	<b>25.6</b>	<b>460,583</b>	<b>26.4</b>
<b>Age</b>										
< 15 Years	3,176	16.3	2,545	6.2	395	53.4	1,738	37.4	1,952	33.4
15 - 17 Years	49,469	29.4	40,091	13.9	10,460	46.2	27,154	37.2	31,385	33.8
18 - 19 Years	96,319	37.9	78,566	19.7	26,072	41.5	53,210	35.8	61,735	33.7
20 - 29 Years	428,948	33.6	360,495	18.7	96,523	40.1	221,582	24.2	279,497	26.0
30 - 39 Years	126,255	26.8	104,174	15.4	21,169	40.4	61,243	16.7	80,510	19.5
>= 40 Years	8,787	28.1	6,953	17.3	1,378	35.6	3,975	18.1	5,472	21.1
Unknown	33	*	34	*	7	*	16	*	32	*
<b>Total</b>	<b>712,987</b>	<b>32.6</b>	<b>592,858</b>	<b>17.9</b>	<b>156,004</b>	<b>40.8</b>	<b>368,918</b>	<b>25.6</b>	<b>460,583</b>	<b>26.4</b>
<b>Education</b>										
< High School	234,985	33.9	189,466	21.3	53,511	34.0	119,360	29.2	147,423	26.7
High School	324,486	34.2	266,041	18.8	75,620	42.2	172,665	26.6	212,719	30.4
> High School	140,872	25.4	118,352	11.5	23,093	50.9	63,928	17.5	85,019	17.5
Unknown	12,644	43.8	18,999	9.6	3,780	47.5	12,965	18.2	15,422	18.6
<b>Total</b>	<b>712,987</b>	<b>32.6</b>	<b>592,858</b>	<b>17.9</b>	<b>156,004</b>	<b>40.8</b>	<b>368,918</b>	<b>25.6</b>	<b>460,583</b>	<b>26.4</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data for smoking indicators, and data with errors for smoking and demographic indicators.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 12D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**  
**Infant Health Indicators by Race/Ethnicity, Age, or Education**

<b>Infant Health Indicators by Race/Ethnicity, Age, or Education</b> (2)									
	Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
	Low (3)	High (4)							
	Number	%	%	Number	%	Number	%	Number	%
<b>Race/Ethnicity</b>									
White, Not Hispanic	329,908	7.5	8.2	293,151	11.8	274,930	3.5	335,271	54.5
Black, Not Hispanic	159,400	11.7	4.7	141,494	15.2	127,877	5.9	163,202	44.7
Hispanic	145,426	6.3	7.8	139,128	11.5	117,401	2.8	155,843	73.7
American Indian/Alaskan Native	8,486	7.2	10.0	8,745	12.1	7,049	3.4	8,547	59.7
Asian/Pacific Islander	14,441	7.8	5.7	12,568	11.1	11,517	3.6	12,005	62.0
All Other/Unknown	23,426	6.8	7.8	23,411	11.2	19,043	2.9	23,978	72.0
<b>Total</b>	<b>681,087</b>	<b>8.2</b>	<b>7.2</b>	<b>618,497</b>	<b>12.5</b>	<b>557,817</b>	<b>3.9</b>	<b>698,846</b>	<b>57.3</b>
<b>Age</b>									
< 15 Years	2,936	9.2	3.1	2,749	17.4	2,365	5.2	3,041	39.7
15 - 17 Years	45,773	7.9	4.4	42,450	13.6	37,852	4.8	47,390	47.3
18 - 19 Years	89,305	7.4	5.3	82,089	12.2	74,505	4.2	91,769	51.5
20 - 29 Years	412,103	6.6	7.3	372,976	11.8	339,412	3.6	422,234	57.7
30 - 39 Years	122,730	7.6	9.6	110,809	14.2	97,464	4.1	125,946	64.0
>= 40 Years	8,215	10.1	8.9	7,401	17.9	6,201	5.5	8,440	64.7
Unknown	25	*	*	23	*	18	*	26	*
<b>Total</b>	<b>681,087</b>	<b>8.2</b>	<b>7.2</b>	<b>618,497</b>	<b>12.5</b>	<b>557,817</b>	<b>3.9</b>	<b>698,846</b>	<b>57.3</b>
<b>Education</b>									
< High School	222,053	7.4	6.3	201,561	13.0	181,743	4.3	231,586	53.0
High School	305,244	7.0	7.3	278,883	12.4	250,305	3.9	311,899	55.1
> High School	133,433	6.5	8.6	119,915	12.2	109,606	3.2	134,074	69.2
Unknown	20,357	6.4	7.7	18,138	9.7	16,163	3.3	21,287	62.0
<b>Total</b>	<b>681,087</b>	<b>8.2</b>	<b>7.2</b>	<b>618,497</b>	<b>12.5</b>	<b>557,817</b>	<b>3.9</b>	<b>698,846</b>	<b>57.3</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data for health indicators, and data with errors for health and demographic indicators.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 13D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**

**Maternal Weight Gain and Birth Outcomes by Select Health Indicators**

<b>Maternal Weight Gain and Birth Outcomes by Select Health Indicators</b> (2)										
	Weight Gain (3)			Birth Outcomes						
	< Ideal	> Ideal		Birthweight			Preterm (6)	Full Term LBW (7)		
		Number	%	%	Low (4)	High (5)				
	Number	%	%	Number	%	%	Number	%	Number	%
<b>Prepregnancy BMI</b>										
Underweight	75,023	30.4	29.7	72,329	11.6	3.1	68,252	14.3	59,880	6.1
Normal Weight	291,864	26.8	40.5	280,480	7.9	5.9	264,153	12.0	237,549	3.7
Overweight	95,667	15.4	59.4	92,262	7.1	8.0	86,794	11.9	78,107	3.2
Obese	186,747	26.9	46.3	181,502	7.3	10.5	169,645	12.8	153,545	3.2
<b>Weight Gain</b>										
< Ideal	-	-	-	145,119	12.6	4.1	132,528	16.4	117,003	6.0
Ideal	-	-	-	182,946	7.8	5.5	170,566	12.2	153,746	3.7
> Ideal	-	-	-	258,952	5.5	10.2	242,054	10.2	224,149	2.5
<b>Smoking During Pregnancy</b>										
Smokers	90,503	25.3	45.4	89,668	10.6	4.5	83,095	13.3	78,128	5.9
Non-Smokers	401,262	25.5	43.6	406,056	6.9	8.0	400,736	12.3	354,439	3.0

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 14D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Summary of Trends in Racial and Ethnic Distribution**

<b>Summary of Trends in Racial and Ethnic Distribution</b> <sup>(2)</sup>							
Year	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	All Other/Unknown %
2004	856,123	48.0	23.3	21.7	1.4	2.2	3.4
2003	769,066	48.5	24.8	21.1	1.3	1.9	2.4
2002	726,554	49.8	25.0	20.0	1.2	2.7	1.2
2001	738,817	50.1	25.6	19.3	1.1	2.7	1.2
2000	750,920	50.0	25.4	19.8	1.2	2.7	0.9
1999	694,337	54.5	26.1	15.6	1.3	1.8	0.7
1998	632,230	54.5	24.4	17.4	1.4	1.9	0.4
1997	570,296	54.9	24.0	17.0	1.6	1.9	0.6
1996	503,465	56.9	24.0	13.6	1.4	2.8	1.2
1995	564,943	50.2	28.2	16.2	1.2	3.4	0.7
1994	375,621	53.1	26.4	15.6	0.9	2.6	1.3
1993	339,082	52.2	21.7	21.0	1.9	2.6	0.6
1992	404,941	48.0	24.3	16.6	0.9	1.8	8.5
1991	323,631	47.2	28.3	18.4	1.1	2.2	2.8
1990	351,093	44.4	30.9	19.3	1.0	2.0	2.4
1989	276,805	45.8	32.8	17.4	0.7	1.7	1.5
1988	121,814	47.3	37.5	13.3	0.8	1.0	0.1
1987	103,281	53.7	32.4	12.3	0.6	0.9	0.2
1986	74,662	52.2	35.0	11.1	0.7	0.9	0.2
1985	70,025	50.6	35.2	12.2	0.7	1.0	0.2
1984	85,244	49.7	34.2	13.5	1.5	0.9	0.3

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 14D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Summary of Trends in Racial and Ethnic Distribution**

<b>Summary of Trends in Racial and Ethnic Distribution</b> <sup>(2)</sup>							
Year	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	All Other/Unknown %
1983	32,804	40.3	35.4	18.8	4.1	0.9	0.5

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 15D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Summary of Trends in Age Distribution**

<b>Summary of Trends in Age Distribution</b> <sup>(2)</sup>								
Year	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
2004	856,123	0.4	6.8	13.2	60.3	18.0	1.3	0.0
2003	769,066	0.4	6.9	13.4	60.2	17.9	1.3	0.0
2002	726,554	0.5	7.3	14.1	59.6	17.3	1.2	0.0
2001	738,817	0.5	7.7	14.5	59.2	16.9	1.1	0.1
2000	750,920	0.6	8.4	15.2	58.6	16.2	1.1	0.0
1999	694,337	0.6	8.8	15.5	58.2	15.8	1.0	0.0
1998	632,230	0.6	9.3	15.2	57.9	16.0	1.0	0.0
1997	570,296	0.7	9.9	15.0	57.2	16.3	1.0	0.0
1996	503,465	0.8	10.4	15.2	57.0	15.7	0.9	0.0
1995	564,943	0.9	10.3	14.4	56.2	17.3	1.0	0.0
1994	375,621	0.8	9.5	14.1	56.7	17.2	0.9	0.9
1993	339,082	0.8	9.4	13.7	57.4	17.8	0.9	0.0
1992	404,941	0.8	9.4	14.0	56.7	16.3	0.8	2.1
1991	323,631	0.8	10.0	14.7	57.6	16.0	0.8	0.0
1990	351,093	0.9	10.2	15.0	57.2	15.8	0.8	0.0
1989	276,805	0.9	10.6	14.9	56.8	15.0	0.7	1.1
1988	121,814	1.2	12.4	15.4	56.1	12.5	0.5	1.9
1987	103,281	1.2	12.7	15.9	57.8	11.8	0.5	0.0
1986	74,662	1.3	13.6	15.9	57.2	11.6	0.5	0.1
1985	70,025	1.2	12.6	16.2	58.2	11.2	0.5	0.1

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 15D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Summary of Trends in Age Distribution**

<b>Summary of Trends in Age Distribution</b> <sup>(2)</sup>								
Year	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
1984	85,244	1.1	12.8	17.0	57.4	10.9	0.6	0.1
1983	32,804	1.2	13.3	17.4	56.7	10.5	0.5	0.4

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 16D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Summary of Trends in Maternal Health Indicators**

Summary of Trends in Maternal Health Indicators <sup>(2)</sup>										
Year	Prepregnancy BMI <sup>(3)</sup>			Weight Gain <sup>(4)</sup>			Anemia (Low Hb/Hct) <sup>(5)</sup>			
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	%	%	Number	%	%	Number	%	Number	%
2004	784,438	11.7	43.3	650,654	25.6	43.7	119,915	30.7	254,974	29.4
2003	697,594	12.1	43.0	594,090	25.2	44.1	102,799	30.4	260,252	29.4
2002	659,747	12.6	42.2	552,961	25.7	43.1	102,684	30.9	243,271	27.9
2001	668,632	13.0	41.5	556,591	25.8	43.3	97,910	29.4	253,388	29.2
2000	683,844	13.7	40.5	556,545	25.9	42.9	110,322	29.7	262,307	28.0
1999	627,258	14.1	39.9	506,860	28.4	41.3	99,312	29.9	245,079	27.1
1998	555,609	14.4	38.9	482,921	33.1	37.5	84,916	29.3	226,374	27.4
1997	482,982	15.0	37.7	411,596	34.6	35.9	80,380	28.1	203,395	26.5
1996	429,582	16.0	36.1	357,766	32.1	36.4	64,317	27.5	179,275	26.0
1995	436,109	16.4	35.1	364,363	31.1	37.8	65,267	30.2	194,313	30.8
1994	299,803	16.2	34.6	257,442	27.9	38.7	49,675	28.8	81,101	33.8
1993	240,411	17.4	32.7	209,213	32.1	32.3	45,249	25.9	94,668	30.5
1992	296,407	17.0	32.4	171,013	35.0	33.2	72,352	26.5	97,895	28.2
1991	178,457	19.0	30.8	110,861	32.7	36.0	58,562	29.5	95,789	26.9
1990	203,989	19.4	30.1	118,756	33.8	36.0	66,735	29.8	128,660	29.8

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 16D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Summary of Trends in Maternal Health Indicators**

Summary of Trends in Maternal Health Indicators <sup>(2)</sup>										
Year	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	%	%	Number	%	%	Number	%	Number	%
1989	217,654	18.9	29.8	104,495	35.6	32.0	56,952	30.5	110,334	29.7
1988	104,859	19.7	29.5	17,690	36.5	33.2	31,911	29.8	50,181	29.1
1987	97,794	20.1	28.7	0	*	*	27,379	29.5	54,324	27.4
1986	71,338	20.5	27.1	0	*	*	22,013	29.1	41,361	27.4
1985	64,836	20.6	26.8	0	*	*	21,031	28.3	39,241	25.5
1984	76,745	21.4	26.1	0	*	*	24,115	29.5	45,248	29.6
1983	30,748	21.9	24.2	0	*	*	10,064	26.5	17,933	30.8

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 17D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Summary of Trends in Maternal Behavioral Indicators**

<b>Summary of Trends in Maternal Behavioral Indicators</b> <sup>(2)</sup>					
Year	Medical Care			WIC Enrollment	
	1st Trimester	No Care		1st Trimester	
	Number	%	%	Number	%
2004	500,728	76.7	8.1	718,544	30.9
2003	453,276	77.0	8.7	717,762	27.6
2002	443,873	76.0	9.4	681,620	27.8
2001	451,013	74.9	10.1	622,113	25.9
2000	458,062	73.9	10.7	652,585	26.8
1999	401,351	74.2	10.9	651,676	27.7
1998	375,494	74.3	10.0	600,185	27.4
1997	320,342	74.1	9.3	523,296	27.8
1996	280,340	75.4	6.8	416,703	27.7
1995	283,561	72.1	6.0	429,057	27.9
1994	184,453	65.5	5.7	350,248	27.7
1993	123,749	64.5	4.2	273,811	25.1
1992	110,106	65.6	8.5	338,706	21.6
1991	100,629	67.4	2.5	293,343	20.6
1990	105,128	64.0	1.3	307,058	19.1
1989	94,928	57.0	2.3	249,851	16.0
1988	19,601	59.9	0.5	116,085	19.6

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 17D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**  
**Summary of Trends in Maternal Behavioral Indicators**

<b>Summary of Trends in Maternal Behavioral Indicators</b> <sup>(2)</sup>					
Year	Medical Care			WIC Enrollment	
	1st Trimester		No Care	1st Trimester	
	Number	%	%	Number	%
1987	0	*	*	100,979	19.0
1986	0	*	*	73,180	17.0
1985	0	*	*	67,338	16.7
1984	0	*	*	80,682	15.8
1983	0	*	*	30,187	14.7

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 18D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**  
**Summary of Trends in Smoking Indicators**

<b>Summary of Trends in Smoking Indicators</b> (2)										
Year	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	%	Number	%	Number	%	Number	%	Number	%
2004	712,987	32.6	592,858	17.9	156,004	40.8	368,918	25.6	460,583	26.4
2003	634,403	29.3	503,420	18.7	125,853	32.3	311,097	25.6	350,856	26.2
2002	589,255	30.9	416,066	20.5	106,360	30.7	300,039	27.8	328,001	24.6
2001	597,468	31.6	427,057	21.5	111,492	29.2	303,363	28.5	334,918	25.3
2000	607,141	31.3	440,159	21.4	114,977	29.0	307,973	29.0	330,727	26.5
1999	530,622	34.8	350,710	22.9	96,153	28.7	250,519	31.7	279,860	28.2
1998	462,122	34.5	311,220	20.4	71,201	28.8	210,119	31.6	215,695	26.6
1997	425,766	33.8	281,568	20.1	62,793	27.5	188,981	31.6	178,437	26.5
1996	353,179	36.9	229,564	23.9	54,357	24.7	127,024	30.3	126,329	29.9
1995	364,679	35.1	231,820	23.3	46,928	23.8	102,368	29.3	45,776	32.0
1994	223,419	36.9	159,336	24.9	30,149	23.3	0	*	7,609	17.9
1993	181,242	34.9	122,835	24.0	19,214	20.3	0	*	8,718	21.9
1992	188,596	35.6	94,314	23.9	13,017	22.9	49,096	22.2	24,899	19.1
1991	113,665	36.0	76,202	23.6	7,803	20.2	33,755	23.8	26,100	18.0
1990	108,415	31.4	88,435	23.4	8,784	17.0	24,732	25.4	30,924	21.3
1989	48,972	37.0	32,485	29.4	1,090	19.8	4,327	27.4	1,030	33.6
1988	0	*	0	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 18D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**  
**Summary of Trends in Smoking Indicators**

<b>Summary of Trends in Smoking Indicators</b> (2)										
Year	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	%	Number	%	Number	%	Number	%		
1987	0	*	0	*	0	*	0	*	0	*
1986	0	*	0	*	0	*	0	*	0	*
1985	1	*	0	*	0	*	1	*	1	*
1984	2	*	0	*	0	*	2	*	2	*
1983	0	*	0	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 19D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**  
**Summary of Trends in Infant Health Indicators**

Summary of Trends in Infant Health Indicators (2)									
Year	Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
	Low (3)		High (4)						
	Number	%	%	Number	%	Number	%	Number	%
2004	681,087	8.2	7.2	618,497	12.5	557,817	3.9	698,846	57.3
2003	635,262	8.1	7.5	619,274	11.3	519,757	3.8	635,517	55.7
2002	579,124	8.0	7.5	563,988	11.3	473,431	3.8	583,669	55.6
2001	584,186	7.9	7.9	483,648	11.4	402,317	4.0	568,030	53.9
2000	591,237	7.7	8.3	508,885	10.9	433,504	3.8	568,112	52.9
1999	530,299	7.9	8.4	522,893	11.0	439,788	3.8	503,754	49.9
1998	513,253	7.7	8.6	516,285	10.9	435,503	3.8	464,712	51.7
1997	464,894	7.8	8.6	451,930	10.6	382,668	4.0	422,047	50.3
1996	379,380	7.9	8.7	342,356	9.8	276,204	4.3	360,352	47.0
1995	392,727	7.8	8.8	329,453	11.6	245,704	3.5	369,456	46.2
1994	299,405	7.4	9.0	292,387	9.8	255,838	4.0	268,933	50.2
1993	271,564	7.0	9.0	224,580	11.1	194,461	3.3	234,436	52.0
1992	210,123	7.0	9.6	192,946	10.6	152,293	3.3	175,442	53.0
1991	131,269	7.7	9.0	147,059	11.6	106,056	3.7	86,582	47.2

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 19D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**  
**Summary of Trends in Infant Health Indicators**

Summary of Trends in Infant Health Indicators (2)									
Year	Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
	Low (3)		High (4)						
	Number	%	%	Number	%	Number	%	Number	%
1990	158,165	7.9	8.7	173,570	12.4	121,923	3.8	74,198	59.1
1989	158,737	8.0	8.4	142,431	12.8	123,769	3.9	51,497	53.1
1988	109,030	7.8	8.2	105,576	13.2	91,390	4.0	0	*
1987	96,934	7.3	8.5	94,995	12.6	82,885	3.7	0	*
1986	69,978	8.2	8.6	68,871	13.3	59,553	4.1	0	*
1985	66,713	7.9	8.3	65,503	13.0	56,868	4.1	0	*
1984	81,297	7.9	8.2	79,422	12.6	69,127	4.3	0	*
1983	29,247	8.1	7.6	28,236	12.9	24,518	4.5	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 20D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**

**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> (2)											
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
White, Not Hispanic	2004	376,379	14.0	41.5	318,470	22.5	47.3	55,162	25.8	135,217	22.9
	2003	340,438	14.5	41.2	294,015	22.1	47.7	48,742	25.6	139,049	23.0
	2002	330,729	15.1	40.4	280,705	22.7	46.3	49,549	25.3	135,102	21.8
	2001	336,439	15.5	39.8	285,442	23.1	46.1	47,542	24.5	139,926	22.5
	2000	344,242	16.2	38.6	290,207	23.2	45.7	51,698	24.3	142,981	21.4
	1999	346,422	16.4	37.9	291,458	25.5	43.9	50,701	23.9	144,751	20.6
	1998	309,752	16.8	36.9	275,011	29.2	40.4	42,917	23.3	131,421	20.6
	1997	273,181	17.3	35.8	241,483	30.4	39.0	40,970	22.0	119,269	20.1
	1996	247,720	18.1	34.5	218,100	28.3	38.8	33,566	22.4	106,770	20.0
	1995	240,745	18.5	33.4	212,108	27.8	40.2	29,713	23.4	107,998	22.8
Black, Not Hispanic	2004	180,465	9.7	50.4	147,568	28.5	42.2	29,439	44.7	50,142	44.2
	2003	170,953	9.9	49.7	143,997	27.9	42.8	27,502	43.9	50,791	43.6
	2002	162,890	10.2	49.0	134,532	28.4	42.0	27,471	45.5	46,831	43.5
	2001	168,853	10.6	48.2	137,657	28.7	42.3	26,399	42.7	50,825	44.6
	2000	170,591	11.0	46.9	133,543	29.1	41.7	28,996	43.7	52,386	43.3
	1999	161,189	11.5	45.9	123,613	32.0	39.4	27,939	44.3	51,348	42.5
	1998	132,064	11.6	44.9	111,184	38.1	35.1	21,608	44.1	45,794	43.4
	1997	112,025	12.0	43.8	91,511	40.2	33.4	20,697	42.1	40,876	42.4
	1996	102,280	12.9	41.6	78,557	38.4	32.9	17,173	41.3	34,911	41.1
	1995	117,267	13.6	40.0	89,727	36.0	35.6	19,716	43.5	45,809	44.5

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 20D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**

**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> (2)											
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
Hispanic	2004	171,426	8.6	41.5	137,103	28.9	38.2	26,553	27.1	49,670	31.7
	2003	146,693	7.9	41.4	123,727	28.7	38.3	20,636	24.8	54,547	31.8
	2002	132,048	8.5	40.2	109,967	29.3	37.2	20,092	25.9	47,547	29.2
	2001	129,500	8.9	39.1	106,074	28.6	38.2	18,301	24.2	49,069	31.9
	2000	136,032	9.6	38.4	106,857	28.5	38.2	23,795	25.4	53,386	30.2
	1999	96,412	9.4	38.5	74,053	32.5	35.9	16,651	25.0	39,203	29.7
	1998	93,376	10.0	37.8	80,645	39.0	31.6	16,605	26.6	40,218	30.2
	1997	78,506	10.6	36.7	63,076	41.8	29.0	14,865	26.2	34,206	29.3
	1996	55,753	11.1	35.4	42,717	39.9	30.7	9,399	23.1	25,273	28.7
	1995	56,230	11.2	34.5	45,107	36.0	32.8	12,106	26.5	29,239	38.3
American Indian/Alaskan Native	2004	10,891	8.1	52.2	7,990	26.6	44.5	1,744	28.1	4,880	30.9
	2003	9,100	8.8	52.7	6,649	28.9	42.1	1,394	30.6	4,503	30.5
	2002	8,235	8.6	53.2	6,002	28.8	40.8	1,355	30.3	4,114	30.7
	2001	7,604	8.7	51.2	5,684	29.4	41.8	1,261	26.4	3,670	31.0
	2000	8,119	9.5	52.1	5,831	27.0	42.5	1,390	27.9	3,255	30.1
	1999	7,834	9.8	49.9	5,753	26.3	42.7	1,280	27.9	3,328	30.5
	1998	8,155	10.0	47.2	6,011	28.5	42.7	1,399	29.3	3,266	31.1
	1997	7,958	10.4	48.0	6,245	28.9	39.8	1,290	26.5	3,692	27.4
	1996	6,093	10.6	48.0	4,922	31.1	39.4	897	25.0	2,936	28.3
	1995	5,735	11.4	44.7	4,256	29.7	39.6	913	27.5	2,284	31.0

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 20D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**

**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> (2)											
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
Asian/Pacific Islander	2004	17,160	21.2	26.1	14,189	30.7	33.6	2,912	25.3	6,628	28.6
	2003	13,054	24.5	21.0	11,204	31.8	29.6	1,858	21.4	4,719	28.9
	2002	18,146	21.2	27.0	15,327	27.9	37.4	2,889	25.3	6,882	30.4
	2001	18,249	21.0	27.6	15,211	29.0	37.2	2,962	24.2	7,350	30.6
	2000	18,786	22.0	27.0	15,224	31.1	33.8	3,349	24.0	8,256	30.0
	1999	10,950	23.9	22.9	8,520	39.7	25.4	1,965	24.6	4,672	35.9
	1998	9,944	23.8	23.2	8,157	42.5	23.6	1,922	24.1	4,595	32.4
	1997	8,549	25.5	19.6	7,382	46.1	21.3	1,744	23.1	3,888	27.6
	1996	12,598	23.6	23.0	10,083	35.0	31.7	1,815	20.1	6,656	27.9
	1995	13,881	25.4	21.7	11,432	35.3	29.0	2,239	24.3	7,567	31.1
All Other/Unknown	2004	28,117	10.1	41.8	25,334	27.9	40.9	4,105	24.5	8,437	32.0
	2003	17,356	13.7	38.1	14,498	23.8	44.6	2,667	28.7	6,643	35.3
	2002	7,699	13.0	37.4	6,428	26.4	39.8	1,328	28.9	2,795	27.8
	2001	7,987	12.7	37.9	6,523	29.0	37.3	1,445	28.2	2,548	31.9
	2000	6,074	14.0	34.4	4,883	25.3	39.1	1,094	26.7	2,043	28.0
	1999	4,451	15.4	33.0	3,463	29.3	37.8	776	27.3	1,777	28.1
	1998	2,318	14.7	32.9	1,913	28.9	40.3	465	22.6	1,080	28.7
	1997	2,763	12.1	35.7	1,899	31.2	39.9	814	22.9	1,464	35.2
	1996	5,138	12.8	34.6	3,387	30.5	38.5	1,467	20.1	2,729	37.2
	1995	2,251	17.7	29.5	1,733	31.0	38.9	580	29.5	1,416	35.2

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 20D**  
**2004 Pregnancy Nutrition Surveillance** (1)  
**Nation**

**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> (2)											
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
Total All Race/Ethnic Groups	2004	784,438	11.7	43.3	650,654	25.6	43.7	119,915	30.7	254,974	29.4
	2003	697,594	12.1	43.0	594,090	25.2	44.1	102,799	30.4	260,252	29.4
	2002	659,747	12.6	42.2	552,961	25.7	43.1	102,684	30.9	243,271	27.9
	2001	668,632	13.0	41.5	556,591	25.8	43.3	97,910	29.4	253,388	29.2
	2000	683,844	13.7	40.5	556,545	25.9	42.9	110,322	29.7	262,307	28.0
	1999	627,258	14.1	39.9	506,860	28.4	41.3	99,312	29.9	245,079	27.1
	1998	555,609	14.4	38.9	482,921	33.1	37.5	84,916	29.3	226,374	27.4
	1997	482,982	15.0	37.7	411,596	34.6	35.9	80,380	28.1	203,395	26.5
	1996	429,582	16.0	36.1	357,766	32.1	36.4	64,317	27.5	179,275	26.0
1995	436,109	16.4	35.1	364,363	31.1	37.8	65,267	30.2	194,313	30.8	

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 21D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**

**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
White, Not Hispanic	2004	256,817	80.8	8.1	357,838	35.3
	2003	233,426	80.8	8.6	350,469	33.4
	2002	237,245	80.0	9.3	341,382	33.6
	2001	242,321	78.9	10.3	322,597	31.4
	2000	246,285	78.4	10.3	334,808	32.0
	1999	234,487	77.7	10.9	357,565	32.9
	1998	209,469	79.1	8.5	326,425	32.3
	1997	182,667	78.8	8.3	289,171	32.1
	1996	163,248	79.5	6.9	245,607	32.4
	1995	145,070	76.0	6.7	216,700	31.9
Black, Not Hispanic	2004	122,622	74.2	7.1	167,708	25.7
	2003	115,698	74.5	7.3	177,483	22.4
	2002	112,081	73.7	7.4	169,596	22.4
	2001	116,130	72.7	7.4	153,769	21.3
	2000	114,631	72.4	7.6	161,788	22.2
	1999	104,824	72.2	7.4	170,124	22.8
	1998	93,445	71.5	7.5	146,200	22.5
	1997	80,044	70.1	6.9	125,123	22.1
	1996	73,926	70.2	5.6	95,293	23.5
	1995	84,580	69.0	4.9	114,037	25.1

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 21D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**

**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
Hispanic	2004	85,663	69.2	8.5	152,881	27.4
	2003	78,991	70.0	11.6	149,147	21.5
	2002	71,086	67.9	13.6	135,520	20.9
	2001	70,343	66.7	14.6	111,770	18.3
	2000	76,387	62.7	17.5	122,347	20.3
	1999	49,283	63.0	18.0	99,186	18.6
	1998	60,757	63.0	18.7	104,810	20.1
	1997	46,379	63.8	17.2	88,200	22.9
	1996	30,660	67.2	9.7	52,434	17.0
1995	39,953	65.1	6.1	72,636	23.1	
American Indian/Alaskan Native	2004	4,930	75.8	5.1	11,167	30.4
	2003	3,875	76.4	4.9	9,523	29.9
	2002	4,350	76.1	5.7	8,628	32.4
	2001	4,223	74.3	6.0	8,022	27.3
	2000	4,094	73.5	6.8	8,623	28.5
	1999	4,226	73.5	6.6	8,439	30.9
	1998	4,575	70.9	8.3	8,773	31.3
	1997	4,427	71.5	7.2	8,451	30.3
	1996	3,208	71.1	6.5	6,620	29.4
1995	3,183	69.8	6.5	6,218	27.2	

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 21D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**

**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
Asian/Pacific Islander	2004	9,800	70.8	6.7	16,324	23.2
	2003	7,400	75.6	9.7	13,391	19.1
	2002	13,867	69.5	6.5	18,797	17.8
	2001	13,145	68.1	6.5	17,995	15.7
	2000	12,927	69.0	6.1	18,904	17.1
	1999	5,873	67.4	12.7	11,835	17.6
	1998	5,784	68.2	11.1	11,479	17.9
	1997	5,129	66.2	10.6	9,540	21.0
	1996	6,280	71.4	5.2	11,662	17.7
	1995	9,339	69.2	4.4	16,103	17.9
All Other/Unknown	2004	20,896	73.7	14.7	12,626	28.9
	2003	13,886	74.0	5.8	17,749	22.6
	2002	5,244	72.6	14.3	7,697	26.3
	2001	4,851	70.5	15.7	7,960	23.3
	2000	3,738	69.2	16.2	6,115	22.6
	1999	2,658	70.1	14.6	4,527	18.1
	1998	1,464	72.9	17.7	2,498	16.1
	1997	1,696	71.8	15.9	2,811	8.9
	1996	3,018	80.2	5.7	5,087	7.0
	1995	1,436	71.0	4.7	3,363	18.3

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 21D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Nation**

**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
Total All Race/Ethnic Groups	2004	500,728	76.7	8.1	718,544	30.9
	2003	453,276	77.0	8.7	717,762	27.6
	2002	443,873	76.0	9.4	681,620	27.8
	2001	451,013	74.9	10.1	622,113	25.9
	2000	458,062	73.9	10.7	652,585	26.8
	1999	401,351	74.2	10.9	651,676	27.7
	1998	375,494	74.3	10.0	600,185	27.4
	1997	320,342	74.1	9.3	523,296	27.8
	1996	280,340	75.4	6.8	416,703	27.7
	1995	283,561	72.1	6.0	429,057	27.9

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 22D**  
**2004 Pregnancy Nutrition Surveillance** (1)

**Nation**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

<b>Summary of Trends in Smoking Indicators by Race/Ethnicity</b> (2)											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
White, Not Hispanic	2004	345,626	46.3	297,782	28.0	109,746	31.3	183,596	38.2	229,599	37.4
	2003	316,577	45.9	263,283	29.2	99,327	29.1	164,723	37.6	187,551	36.1
	2002	302,829	47.6	229,692	30.3	85,009	28.3	166,096	39.5	183,554	35.4
	2001	309,023	48.1	237,360	31.5	88,673	26.7	165,677	40.4	187,542	36.5
	2000	313,416	47.8	246,510	31.2	92,284	26.9	162,040	41.8	181,027	38.2
	1999	303,693	49.2	217,617	30.9	79,699	27.1	145,398	42.6	167,433	38.1
	1998	267,358	48.4	185,233	29.0	60,055	27.3	118,254	43.1	127,484	36.8
	1997	246,606	47.5	166,811	28.6	52,852	26.3	104,904	42.6	105,983	36.2
	1996	220,733	48.5	146,367	31.6	45,581	23.4	74,399	40.0	84,313	37.2
	1995	208,316	48.4	138,011	31.9	38,375	22.8	53,792	40.1	36,124	35.0
Black, Not Hispanic	2004	155,601	23.9	126,175	10.7	24,013	52.5	70,304	19.6	89,627	23.5
	2003	147,536	17.4	112,670	11.2	17,094	40.2	64,141	16.6	71,840	20.1
	2002	137,378	17.9	92,214	12.5	14,175	36.4	59,459	17.7	63,392	13.9
	2001	142,011	18.6	95,619	13.1	15,160	34.6	63,036	18.1	66,710	14.2
	2000	143,092	18.7	95,014	13.3	15,230	33.2	61,653	19.7	63,519	16.0
	1999	125,151	20.0	69,965	14.0	11,285	33.2	53,752	21.1	55,360	17.2
	1998	97,794	21.0	54,615	13.1	6,880	29.8	37,953	21.9	32,981	15.9
	1997	90,386	19.9	50,147	13.2	5,905	26.7	33,842	22.8	27,480	15.8
	1996	72,411	21.2	38,661	15.1	5,218	26.0	23,201	20.0	19,775	19.4
	1995	90,303	20.9	51,014	14.3	5,578	22.6	24,182	21.7	2,416	33.3

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 22D**  
**2004 Pregnancy Nutrition Surveillance** (1)

**Nation**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

Summary of Trends in Smoking Indicators by Race/Ethnicity (2)											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
Hispanic	2004	158,740	16.0	123,319	2.7	16,196	83.6	88,578	7.3	106,602	9.6
	2003	134,013	5.9	94,207	2.4	4,753	57.3	66,099	6.6	73,009	9.1
	2002	118,064	6.1	67,568	2.6	3,188	53.7	58,720	7.2	63,055	6.0
	2001	115,986	6.7	67,657	3.0	3,725	53.2	59,323	8.4	63,273	6.6
	2000	120,896	6.7	73,169	3.0	3,840	53.4	70,034	9.6	70,460	7.9
	1999	80,324	7.3	47,403	3.5	2,675	50.3	39,929	9.4	44,089	7.8
	1998	78,139	7.0	58,102	2.6	2,432	52.9	44,618	11.5	46,266	8.0
	1997	69,683	7.2	51,804	2.8	2,315	50.2	39,875	13.1	35,927	8.7
	1996	43,155	11.8	33,386	6.1	2,322	37.9	20,162	13.3	14,318	10.9
	1995	50,378	10.9	33,556	6.0	2,112	39.4	18,017	10.8	3,394	14.8
American Indian/Alaskan Native	2004	9,896	34.8	9,102	16.0	2,387	38.6	6,381	25.8	7,245	23.1
	2003	8,113	38.8	7,467	17.3	2,164	35.8	4,689	25.5	4,977	21.5
	2002	7,162	39.6	6,515	18.7	1,756	36.3	4,754	29.0	4,924	24.6
	2001	6,864	41.2	6,225	20.8	1,832	33.2	4,119	31.7	4,437	27.0
	2000	7,179	38.9	6,493	22.2	1,920	31.6	4,488	30.5	4,522	26.4
	1999	7,123	41.5	5,398	19.3	1,836	35.6	4,429	32.4	4,570	27.3
	1998	7,636	39.1	5,133	13.7	1,397	38.9	4,693	31.9	4,334	22.3
	1997	7,620	39.9	5,202	12.8	1,396	35.2	4,946	31.5	4,333	22.2
	1996	6,073	35.0	4,083	12.0	946	42.8	3,191	28.2	3,238	17.9
	1995	5,985	35.1	3,542	12.1	673	38.9	3,152	30.6	2,957	19.1

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 22D**  
**2004 Pregnancy Nutrition Surveillance** (1)

**Nation**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

<b>Summary of Trends in Smoking Indicators by Race/Ethnicity</b> (2)											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
Asian/Pacific Islander	2004	16,344	16.1	14,397	16.0	1,731	70.6	5,838	14.1	7,647	19.0
	2003	12,287	7.2	10,363	2.7	589	56.4	5,006	10.4	6,271	15.5
	2002	15,427	12.8	14,086	4.4	1,441	55.9	5,128	12.7	6,133	10.2
	2001	15,497	12.8	14,306	5.3	1,460	56.7	5,199	13.3	6,213	13.1
	2000	16,201	10.3	14,642	5.1	1,241	48.9	5,417	12.8	6,422	13.6
	1999	9,554	7.9	7,084	3.2	363	47.9	4,136	13.5	5,004	11.5
	1998	8,794	7.5	6,334	2.4	285	56.5	3,398	14.6	3,182	12.9
	1997	8,452	6.7	5,256	3.0	217	43.3	3,232	14.4	2,577	13.9
	1996	6,057	7.1	3,215	4.7	162	42.6	2,106	12.7	1,818	13.3
	1995	7,715	5.3	4,413	3.0	131	45.8	2,307	9.5	807	13.1
All Other/Unknown	2004	26,780	13.5	22,083	9.3	1,931	52.1	14,221	9.9	19,863	6.8
	2003	15,877	16.3	15,430	5.3	1,926	57.0	6,439	16.3	7,208	13.6
	2002	8,395	19.0	5,991	12.0	791	34.4	5,882	17.1	6,943	16.5
	2001	8,087	15.4	5,890	8.8	642	37.7	6,009	15.8	6,743	12.4
	2000	6,357	14.4	4,331	8.8	462	34.2	4,341	15.0	4,777	12.3
	1999	4,777	14.4	3,243	8.3	295	34.9	2,875	14.1	3,404	12.3
	1998	2,401	14.2	1,803	7.1	152	31.6	1,203	11.9	1,448	10.5
	1997	3,019	8.0	2,348	3.7	108	43.5	2,182	7.7	2,137	6.3
	1996	4,750	5.5	3,852	2.7	128	40.6	3,965	7.3	2,867	5.4
	1995	1,982	12.5	1,284	5.1	59	*	918	8.6	78	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 22D**  
**2004 Pregnancy Nutrition Surveillance** (1)

**Nation**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

Summary of Trends in Smoking Indicators by Race/Ethnicity (2)											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)	Smoking in Household				
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
		Number	%	Number	%	Number	%	Number	%	Number	%
Total All Race/Ethnic Groups	2004	712,987	32.6	592,858	17.9	156,004	40.8	368,918	25.6	460,583	26.4
	2003	634,403	29.3	503,420	18.7	125,853	32.3	311,097	25.6	350,856	26.2
	2002	589,255	30.9	416,066	20.5	106,360	30.7	300,039	27.8	328,001	24.6
	2001	597,468	31.6	427,057	21.5	111,492	29.2	303,363	28.5	334,918	25.3
	2000	607,141	31.3	440,159	21.4	114,977	29.0	307,973	29.0	330,727	26.5
	1999	530,622	34.8	350,710	22.9	96,153	28.7	250,519	31.7	279,860	28.2
	1998	462,122	34.5	311,220	20.4	71,201	28.8	210,119	31.6	215,695	26.6
	1997	425,766	33.8	281,568	20.1	62,793	27.5	188,981	31.6	178,437	26.5
	1996	353,179	36.9	229,564	23.9	54,357	24.7	127,024	30.3	126,329	29.9
	1995	364,679	35.1	231,820	23.3	46,928	23.8	102,368	29.3	45,776	32.0

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 23D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>

Nation  
**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)		High (4)						
		Number	%	%	Number	%	Number	%	Number	%
White, Not Hispanic	2004	329,908	7.5	8.2	293,151	11.8	274,930	3.5	335,271	54.5
	2003	312,244	7.4	8.5	307,196	10.4	263,631	3.5	310,640	53.1
	2002	290,780	7.2	8.6	284,479	10.3	244,574	3.4	291,463	53.7
	2001	297,100	7.2	9.1	255,580	10.6	218,099	3.6	287,636	52.3
	2000	307,961	7.0	9.5	273,140	9.9	239,054	3.4	295,327	51.8
	1999	303,694	7.2	9.6	299,352	10.1	257,129	3.4	290,771	50.1
	1998	288,250	7.0	9.9	287,050	9.8	247,414	3.3	266,039	52.0
	1997	263,979	7.0	10.0	257,288	9.4	221,982	3.6	248,278	51.2
	1996	230,735	7.0	10.1	214,691	8.7	180,481	3.8	223,247	49.3
1995	216,223	6.8	10.5	182,478	10.1	142,988	3.1	203,641	47.6	
Black, Not Hispanic	2004	159,400	11.7	4.7	141,494	15.2	127,877	5.9	163,202	44.7
	2003	154,568	11.5	4.7	153,841	13.8	123,990	5.7	156,698	43.0
	2002	141,637	11.4	4.7	141,208	14.1	113,263	5.6	145,743	42.8
	2001	145,344	11.0	5.0	118,316	13.5	94,572	5.8	145,466	41.7
	2000	141,127	11.1	5.3	121,295	13.5	97,851	5.7	139,313	40.1
	1999	128,111	11.1	5.1	127,285	13.5	102,831	5.6	123,019	38.3
	1998	117,130	11.1	5.2	119,956	13.7	96,110	5.8	106,044	38.7
	1997	107,850	11.3	5.3	104,545	13.4	85,282	6.1	94,087	35.5
	1996	85,526	11.4	5.2	73,109	12.9	56,240	6.8	79,698	31.4
1995	103,063	10.9	5.6	80,353	15.8	56,523	5.0	97,861	34.6	

- (1) Reporting period is January 1 through December 31.
- (2) Excludes data with errors.
- (3) <2500 g.
- (4) >4000 g.
- (5) <37 weeks gestation.
- (6) 37 or more weeks gestation and <2500 g.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 23D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>

Nation  
**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)		High (4)						
		Number	%	%	Number	%	Number	%	Number	%
Hispanic	2004	145,426	6.3	7.8	139,128	11.5	117,401	2.8	155,843	73.7
	2003	133,055	5.9	8.1	130,985	10.6	109,556	2.7	136,256	74.5
	2002	116,561	5.7	8.2	114,915	10.6	96,461	2.5	119,193	74.6
	2001	112,157	5.8	8.4	87,883	10.8	71,902	2.7	108,305	72.4
	2000	112,890	5.8	8.6	92,732	10.5	78,036	2.7	107,535	71.0
	1999	78,522	5.7	8.9	76,136	10.5	63,532	2.7	70,553	67.9
	1998	89,123	5.9	8.7	89,967	10.6	75,984	2.6	75,874	67.7
	1997	75,197	6.0	8.5	72,370	10.6	61,132	2.8	63,734	68.3
	1996	43,913	6.2	8.3	39,624	9.6	28,129	3.2	40,494	62.4
1995	52,275	6.0	8.5	50,432	11.0	33,665	2.8	48,112	61.7	
American Indian/Alaskan Native	2004	8,486	7.2	10.0	8,745	12.1	7,049	3.4	8,547	59.7
	2003	7,569	7.0	10.6	8,172	11.2	6,438	3.2	6,946	55.8
	2002	6,570	6.7	10.9	7,221	10.9	5,554	3.2	6,134	56.6
	2001	6,201	6.5	11.5	6,484	11.6	4,903	3.0	6,046	56.9
	2000	7,333	6.3	11.9	6,955	11.3	6,074	2.8	6,765	58.3
	1999	6,481	7.2	12.4	7,165	11.5	5,486	3.3	6,866	57.2
	1998	7,050	7.3	11.6	7,469	11.1	6,047	3.4	6,885	57.0
	1997	7,080	6.3	11.6	7,462	11.0	5,880	2.8	7,446	55.0
	1996	5,470	6.6	11.5	5,938	10.3	4,656	3.0	5,892	53.9
1995	5,181	6.7	12.2	5,279	10.2	4,113	2.9	5,026	53.5	

- (1) Reporting period is January 1 through December 31.
- (2) Excludes data with errors.
- (3) <2500 g.
- (4) >4000 g.
- (5) <37 weeks gestation.
- (6) 37 or more weeks gestation and <2500 g.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 23D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>

Nation  
**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)		High (4)						
		Number	%	%	Number	%	Number	%	Number	%
Asian/Pacific Islander	2004	14,441	7.8	5.7	12,568	11.1	11,517	3.6	12,005	62.0
	2003	12,129	7.6	5.1	11,737	9.9	9,988	4.2	12,083	60.4
	2002	16,669	7.9	5.8	10,029	10.2	8,437	4.1	14,128	63.3
	2001	16,610	7.8	6.2	8,936	11.0	7,444	4.0	14,023	62.2
	2000	17,052	7.4	6.5	10,078	10.1	8,626	3.8	14,586	58.4
	1999	9,957	7.4	6.7	9,595	11.0	8,087	3.7	9,379	53.7
	1998	9,826	6.7	6.8	9,851	10.7	8,371	3.4	8,521	55.5
	1997	8,838	6.6	5.6	8,350	11.3	6,997	3.7	7,853	46.1
	1996	10,540	7.2	6.0	6,015	10.5	4,777	3.4	9,920	54.4
1995	14,414	6.8	5.7	9,365	10.7	7,574	2.7	13,372	48.6	
All Other/Unknown	2004	23,426	6.8	7.8	23,411	11.2	19,043	2.9	23,978	72.0
	2003	15,697	8.1	7.8	7,343	11.0	6,154	3.0	12,894	69.2
	2002	6,907	7.6	8.3	6,136	10.9	5,142	3.1	7,008	64.7
	2001	6,774	7.1	7.7	6,449	10.9	5,397	3.3	6,554	66.4
	2000	4,874	7.2	8.1	4,685	11.6	3,863	3.4	4,586	66.9
	1999	3,534	7.2	8.3	3,360	10.9	2,723	3.2	3,166	61.8
	1998	1,874	6.9	8.6	1,992	9.5	1,577	3.3	1,349	64.3
	1997	1,950	5.8	7.6	1,915	9.7	1,395	2.9	649	65.9
	1996	3,196	5.4	8.3	2,979	9.8	1,921	2.2	1,101	62.2
1995	1,571	6.0	8.5	1,546	10.1	841	2.4	1,444	57.8	

- (1) Reporting period is January 1 through December 31.
- (2) Excludes data with errors.
- (3) <2500 g.
- (4) >4000 g.
- (5) <37 weeks gestation.
- (6) 37 or more weeks gestation and <2500 g.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 23D**  
**2004 Pregnancy Nutrition Surveillance** <sup>(1)</sup>

Nation  
**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)		High (4)						
		Number	%	%	Number	%	Number	%	Number	%
Total All Race/Ethnic Groups	2004	681,087	8.2	7.2	618,497	12.5	557,817	3.9	698,846	57.3
	2003	635,262	8.1	7.5	619,274	11.3	519,757	3.8	635,517	55.7
	2002	579,124	8.0	7.5	563,988	11.3	473,431	3.8	583,669	55.6
	2001	584,186	7.9	7.9	483,648	11.4	402,317	4.0	568,030	53.9
	2000	591,237	7.7	8.3	508,885	10.9	433,504	3.8	568,112	52.9
	1999	530,299	7.9	8.4	522,893	11.0	439,788	3.8	503,754	49.9
	1998	513,253	7.7	8.6	516,285	10.9	435,503	3.8	464,712	51.7
	1997	464,894	7.8	8.6	451,930	10.6	382,668	4.0	422,047	50.3
	1996	379,380	7.9	8.7	342,356	9.8	276,204	4.3	360,352	47.0
	1995	392,727	7.8	8.8	329,453	11.6	245,704	3.5	369,456	46.2

- (1) Reporting period is January 1 through December 31.
- (2) Excludes data with errors.
- (3) <2500 g.
- (4) >4000 g.
- (5) <37 weeks gestation.
- (6) 37 or more weeks gestation and <2500 g.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.